

Date: Sat, 5 Mar 94 04:30:43 PST
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #53
To: Ham-Equip

Ham-Equip Digest Sat, 5 Mar 94 Volume 94 : Issue 53

Today's Topics:

 2m ssb
 Cheap used equipment?
 FOR SALE: Kenwood TM-241A 2m mobile
 GPS Receiver Boards
 MFJ SWR Analyzers
 Radio Shack Ham Gear For Sale

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 4 Mar 94 17:59:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: 2m ssb
To: ham-equip@ucsd.edu

I am looking for a 2m mobile SSB rig. The only two that I can find are
the Yaesu FT-290R and the Kenwood TS-751. I have several pieces of
Yaesu equipment and they are outstanding. I have only one piece of
Kenwood equipment and have had only one problem with it that took about
three months to get fixed. Can anyone give me any comments or
recomendations..... Thanks
 Kevin (WB5RUE)

muenzlerk@uthscsa.edu

Date: 4 Mar 1994 15:32:37 GMT
From: news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!
vixen.cso.uiuc.edu!ux1.cso.uiuc.edu!rtaylor@network.ucsd.edu
Subject: Cheap used equipment?
To: ham-equip@ucsd.edu

jhlight@tecvax.stim.tec.tn.us writes:

>In article <2jc11h\$18pm@inca.gate.net>, shawnf@inca.gate.net (Shawn Friedel)
writes:

>>

>> Does anyone know where I could get some cheap ham equipment?

>>

>> Thanks

>> shawnf@inca.gate.net

>>

>Can you give any particulars on the equipment you are looking for?

I have Heathkit HW-12, or HW-32 for \$45

Eico 753 3 band at \$75

Power supplies for either at \$45.

K9ALD

Date: 3 Mar 1994 21:27:20 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!europa.eng.gtefsd.com!news.uoregon.edu!
gaia.ucs.orst.edu!ucs.orst.edu!steinr@network.ucsd.edu
Subject: FOR SALE: Kenwood TM-241A 2m mobile
To: ham-equip@ucsd.edu

I have for sale a Kenwood TM-241A for \$310. Buyer pays shipping.
It is in perfect condition.

This radio is only 2 months off of the shelf, and therefore
comes with the warranty. It is for sale because I am interested
in the 732-A.

Please reply through E-mail. Thanks.
--Ray.

Date: Fri, 4 Mar 1994 16:31:44 GMT
From: news.acns.nwu.edu!math.ohio-state.edu!howland.reston.ans.net!noc.near.net!
ns.draper.com!news.draper.com!jwy1294a.draper.com!jyoungberg@network.ucsd.edu
Subject: GPS Receiver Boards

To: ham-equip@ucsd.edu

I've followed various GPS threads as they've come and gone. In order to pose volume/price arguments to folks in the business, what would be the size of the amateur market for GPS engines?

Presume an engine consists of the entire RX, minus antenna, including a data port (probably NMEA 0183), on a PC board. Examples are currently manufactured by Rockwell, Magellan, Canadian Marconi, Plessey, and Trimble, among others. Marketed in the \$500 class for single-unit quantities.

Skip, K1NKR

Date: 3 Mar 1994 21:59:19 GMT
From: ihnp4.ucsd.edu!swrinde!sgiblab!sgigate.sgi.com!olivea!inews.intel.com!scdt!dbraun@network.ucsd.edu
Subject: MFJ SWR Analyzers
To: ham-equip@ucsd.edu

In article <1994Mar1.162350.22173@ke4zv.atl.ga.us>, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

|> No. This only works if the antenna feed point impedance approaches
|> the characteristic impedance of the coax most closely at resonance.
|> That's roughly true for dipoles, but not for some other types of
|> antennas. For example, a 1/4-wave monopole has a feed point impedance
|> at resonance of about 36 ohms. At either side of resonance, the
|> impedance (complex) increases. So there are two points where the
|> impedance will be closer to 50 ohms than the resonant point.

Although the impedance may be closer to 50 ohms, the SWR will INCREASE. Adding reactive impedance to a resistive load will NEVER decrease the SWR. Although the total impedance value may be closer to 50 ohms, the reactive-ness will just make the SWR worse. Stare at a Smith chart, and you will see this.

Intuitively, the only way to decrease the SWR is to increase the amount of power that is adsorbed by the load resistance. Adding reactance in series with the resistance can only decrease the voltage that the resistance sees, and reduce the power it is adsorbing.

--

Doug Braun

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                / decwrl \
                | hplabs |
or maybe:      -| oliveb |- !intelca!mipos3!cadev6!dbraun
                | amd    |
                \ qantel /
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"There is no human problem which could not be solved if
people would simply do as I advise." -- Gore Vidal

Date: Thu, 3 Mar 1994 22:41:59 GMT
From: envoy!equinox.unr.edu!dsring@uunet.uu.net
Subject: Radio Shack Ham Gear For Sale
To: ham-equip@ucsd.edu

All items are owned by previous ham/radio shack employee, and have been well
taken care of and maintained.

HTX202 (2M FM HT) W/ALL ACCESSORIES AND AUTO POWER CORD- \$150.00
HTX100 (10M SSB/CW HF RADIO) W/EXTRA MIC.& SWR METER- \$100.00
DX390 (CONTINUOUS COVERAGE SW RADIO W/BFO)- \$100.00

OR ALL 3 ITEMS FOR \$300.00 !!!!!!!

Please contact Phil via one of the following:

email: 75310,2311 (compuserve)
Telephone (702) 359-0862
OR drop me a note at email: dsring@equinox.unr.edu

--

Douglas S. Ring
University Of Nevada, Reno
Electrical Engineering Major
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Amateur Radio Operator
KB7QMD-Advanced Class
HZ1AB-Operating Member
V.Chair-UNR Radio Club

Fax: (702) 626-3840

Assalamu Aleikum

(May peace be upon you)

End of Ham-Equip Digest V94 #53
